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INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

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|------------------------|--------------------|
| Application Number | 10/523,428 |
| Filing Date | January 28, 2005 |
| First Named Inventor | A. Salloum Salazar |
| Group Art Unit | 2817 |
| Examiner Name | |
| Attorney Docket Number | NL 020706 |

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, any required copies of documents listed thereon, and any concise explanation of their relevance is indicated below per 37 CFR 1.97.

☒ Please charge any required fee under §1.17(i) or §1.17(p) or any other required fee (except the issue fee) to Account No. 14-1270.

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2. ☐ I certify that none of these documents were cited in any communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, none of these documents was known to any individual designated in §1.56(c) more than three (3) months ago.
 - ☐ Applicant hereby petitions under §1.97(d) that this IDS be considered after final Action or Notice of Allowance, pays the fee under §1.17(p) as indicated below, and I certify 1. or 2. as indicated above.
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 - ☐ A copy of the U.S. patent(s) and patent application publication(s) in all U.S. national patent applications filed after June 30, 2003, and in all international applications that have entered the national stage under 35 USC § 371 after June 30, 2003 under 37 CFR 1.491(b), are not required.
 - ☐ A concise explanation of the relevance of each non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is enclosed per §1.98(a)(3).

The concise explanation of the relevance of any non-English document, as understood by the individual designated in §1.56(c) most knowledgeable about the contents, is that the document is/was:

- ☒ cited in the specification or considered in drafting the specification of this application;
- ☐ previously submitted or cited in the parent application (or in a related patent application Ser. No. _____ Filing Date: _____);
- ☒ cited as an "X", "Y" or "A" document in a foreign Patent Office search report in a foreign counterpart application, a copy of which report is also enclosed.

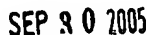
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

| | | | |
|-------------------|-------------------|-----------------------------------|--------------------|
| Name (Print Type) | Edward W. Goodman | Registration No. (Attorney/Agent) | 28,613 |
| Signature | | Date | September 27, 2005 |

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| Attorney Docket Number | NL020706 |

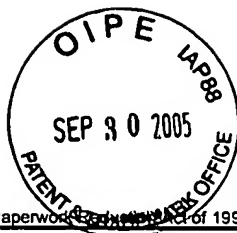
U. S. PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ *Number ⁴ *Kind Code ⁵ (if known) | | | | |
| | 1 | WO 9949586 | 09/30/1999 | Harris Corp | | |
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| Art Unit | 2817 |
| Examiner Name | |
| Attorney Docket Number | NL 020706 |

Sheet 1 of 1

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | 1 | R. SCHOBET ET AL; "IMPROVING DIFFERENTIAL DETECTION OF MDPSK BY NONLINEAR NOISE PREDICTION AND SEQUENCE ESTIMATION", IEEE TRANSACTIONS ON COMMUNICATIONS, IEEE, NY, VOL. 47, | |
| | 2 | R. SCHOBET ET AL; "ADAPTIVE NONCOHERENT DFE FOR MDPSK SIGNALS TRANSMITTED OVER ISI CHANNELS", IEEE TRANSACTIONS ON COMMUNICATIONS, IEEE, NY, VOL 48, NO. 7. 07/2000, PAGES 112 | |
| | 3 | C. PARK ET AL; "CHANNEL ESTIMATION AND DC-OFFSET COMPENSATION SCHEMES FOR FREQUENCY-HOPPED BLUETOOTH NETWORKS" IEEE COMMUNICATIONS LETTERS, IEEE SERVICE CENTER, PISCATAWAY, | |
| | | US, VOL. 5, NO. 1, 01/01/2001, PAGES 4-6, XP001003360. | |
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| Examiner Signature | | Date Considered | |
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